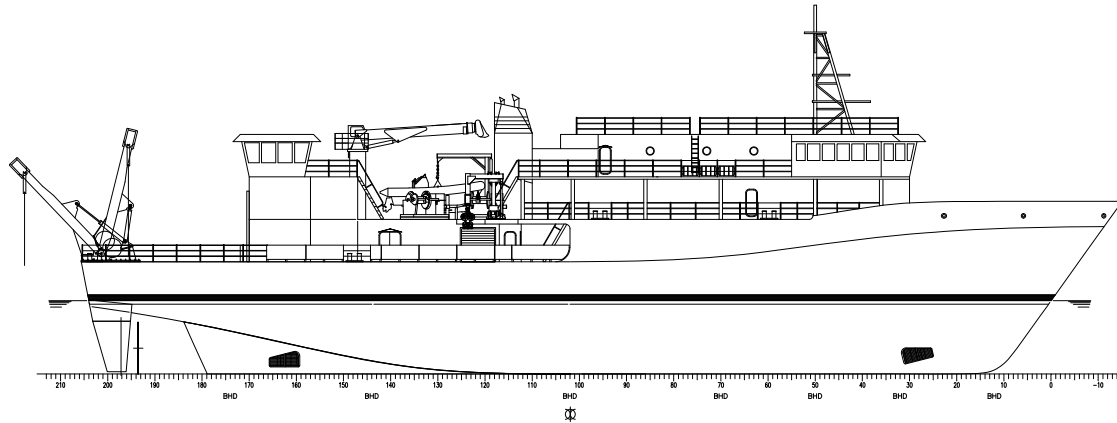


Ocean Class AGOR Program Operator Selection AGOR 27 & 28



Prospective Proposer's Meeting

Hosted By

Dr Frank Herr, ONR 32

27 July 2009

- Purpose:
 - To provide an opportunity for prospective proposers to meet with ONR and NAVSEA program managers
 - To review the Operator Selection Process and the Proposal Eligibility and Evaluation Criteria contained in ONR's draft solicitation
- Agenda:
 - Introductions and Opening Remarks: Dr Herr
 - Meeting Guidelines: Ms Sue Paolini, ONR Contracts
 - NAVSEA Ship Acquisition Program: Mr Chris MacDonald
 - Operator Selection Process: Sue Paolini
 - Operator Eligibility Requirements: Tim Schnoor
 - Proposal Evaluation Criteria: Tim Schnoor
 - Proposal Submission: Sue Paolini
 - Questions and Answers: Tim Schnoor

- Competitive, merit-based selection as required by law
(Title 10 USC Sec 2667 re: HR 105-132 for FY98)
- Announcement to result in selection of two operators
 - Not under the authority of Federal Acquisition Regulations
 - Not under the authority of DoD Grant and Agreement Regulations
- ONR research vessels to be chartered to operating institutions via five year contract
 - Renewable for the life of the ship

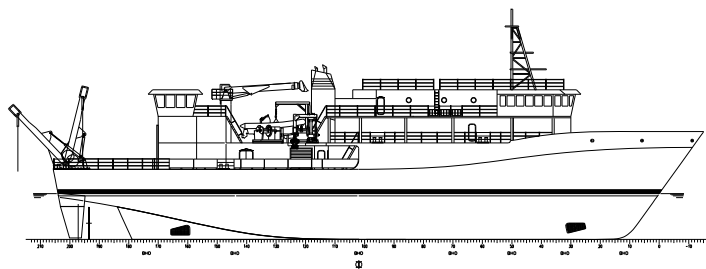
ONR Operator Selection Process

- **Similar to the operator competitions conducted in the past**
 - 1987 AGOR 23 (THOMPSON- Univ of Washington)
 - 1992 AGOR 24 & 25 (REVELLE-Scripps & ATLANTIS-WHOI)
 - 1997 AGOR 26 (KILO MOANA-Univ of Hawaii)
- **New for this competition**
 - Selection of two operators for two vessels
 - Five evaluation factors combine previous eight factors
 - Vessel Operations Factor: Additional details
 - Past Performance Factor: New
 - Draft solicitation release and today's meeting
- **AGOR 27/28 Operator solicitation drafted**
 - DRAFT released 14 July
 - FINAL planned for release on or before 14 August
- **Proposals received within 60 days (~mid-October)**
- **Review Panel will make a recommendation to CNR (~Nov)**
 - Membership from ONR, NSF, N84, & UNOLS (for technical advice)
- **Letter notifications to two prospective operating institutions (~Dec/Jan)**
 - AGOR 27/28 operators contingent on Navy proceeding with the acquisition of both ships

- Meeting includes a question and answer session
 - Relevant questions previously submitted in writing will be addressed
 - Additional questions during the meeting encouraged
- Oral questions should be followed up in writing
- Highlights of the meeting and questions and answers will be posted to the ONR Code 32 webpage
- None of the discussion today changes the current draft
 - Official changes to the Final Announcement will be effected through Amendments

Special Mission Ships (PMS325Q)

OCEAN Class



Status:

- Preparing for Phase I source selection.

Builder: TBD

Quantity: (2) Ships

Contract Type: Firm Fixed Price

Performance Requirements: Commercial Specs, ABS Class, USCG COI

(Specification Levels) Speed: **11** kts cruising

Endurance: 40 days; 10,000 nm

Operation through **SS5**

Accommodations: 20 scientists

Objectives:

- Support N84 and ONR in Ocean Class AGOR acquisition.

Ship Mission: General purpose oceanographic research

Sponsors: Resource – N84
Mission - ONR

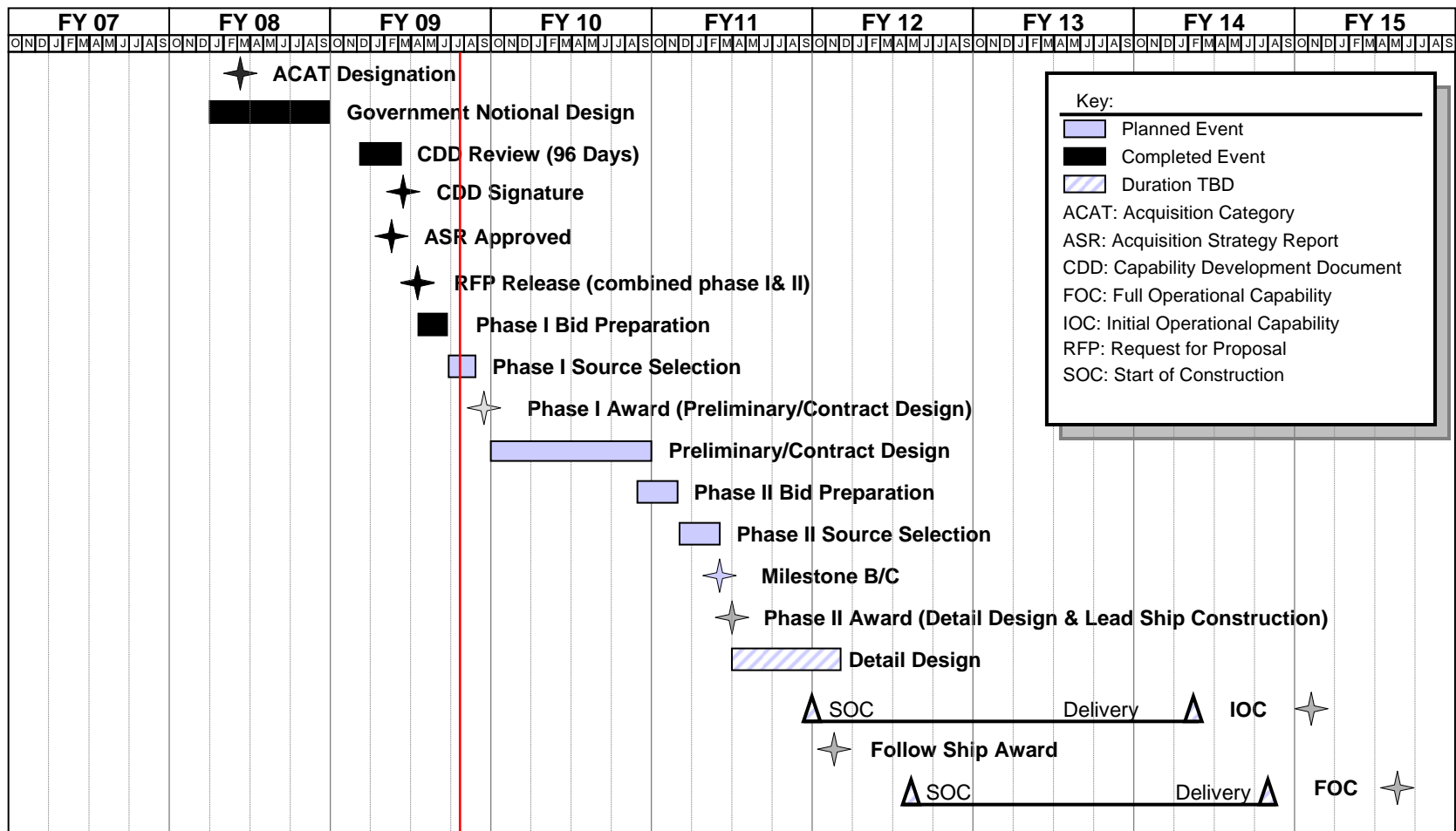
PM: PMS325

Mission Systems:

- Suite of winches, cranes, and overside handling gear
- Deep- and shallow-water multibeam sonars
- Subbottom profiler
- Single beam deep-sea echosounder
- Acoustic doppler current profiler
- Acoustic navigation system
- Dynamic positioning system
- 2,000 sqft of laboratory space
- Shipwide data acquisition and network system
- Rigid hull inflatable boat

- Phase I/II Solicitation: Released 24 Apr 2009
- Phase I Proposals: Received 24 Jun 2009
- Phase I: Preliminary/Contract Design
 - Contract awards ~ Sep/Oct 2009
 - Post award conferences ~ Oct/Nov 2009
 - First design reviews ~ Dec 2009/Jan 2010
- Phase II: Detail Design and Construction
 - Contract award ~ FY 2011, Q2
 - Follow ship option exercise ~ FY 2012, Q2
- Deliveries:
 - 1st ship – FY 2014, Q2
 - 2nd ship – FY 2014, Q4

Ocean Class AGOR NAVSEA Schedule and Budget



Ocean Class AGOR Proposed Operator Representation

- **Responsibilities to include:**
 - **Phase I: Preliminary/Contract Design**
 - Once selected, attend design reviews to be held once every 3 months at each Contractor's facility (multiple designs)
 - Assist with review of data deliverables (drawings, plans, calculations)
 - Provide input on Science Mission Systems equipment selections and schedules for installation
 - **Phase II: Detail Design and Construction**
 - Represent home institution with on-site Government team at construction facility during construction of vessels
 - Attend design reviews to be held once every 2 months at construction facility
 - Assist with review of data deliverables (drawings, plans, calculations)
 - Assist with review of vendor recommended spares listings and commercial off-the-shelf technical manuals
 - Assist with receipt, inspection, and verification of load-out of spares and equipment
 - Collaborate with Government team to develop Post Delivery Schedule, including Mission Trials

Ocean Class AGOR

Phase I Operator Rep Involvement

- Design Reviews required quarterly with the Phase I Contractor
 - To be held at Contractor's facilities (TBD)
- Data submittals
 - Solicitation Attachment J-2, Phase I Data Requirements List
 - To be submitted electronically via web site
 - Operator Reps will have access to all submittals
 - Operator Reps input requested for:
 - DI-030: 18 different drawings (data items)
 - DI-035: Propulsion Systems Report, Auxiliary Systems Report, Pollution Control Systems Report, and Automation Control and Monitoring Systems Report
- Phase II Source Selection
 - Operator Reps requested to serve as technical advisors to Phase II Source Selection

Ocean Class AGOR Phase II Operator Rep Involvement

- Design Reviews required every 2 months
 - Design Reviews, plus Single System Vendor Design Reviews alternate with Ship Production Progress Conferences (SPPC)/ Integrated Logistics Support (ILS) Management Team meetings
- Data submittals
 - Solicitation Attachment J-3, Phase II Data Requirements List
 - To be submitted electronically via web site
 - Operator Reps will have access to all submittals
 - Operator Reps input requested for:
 - DI-027: Ship Construction Drawings and Documentation (40 data items)
 - DI-031: Test Documentation (4 data items)
 - DI-035: SSV Technical Documentation (23 data items)
 - DI-047 thru DI-059: ILS Data Items

Ocean Class AGOR

Phase II Operator Rep Involvement (cont.)

- On-Site Government Facilities
 - Operator Reps from each Operator throughout Phase II (plus spares)
 - 4 additional ship's crew from 3 months before Builder's Trials
 - Standard office furniture and equipment
 - Secure and lighted parking spaces
- Production Surveillance: QA "call-outs", test witnessing
- Integrated Logistics Support
 - Review and verification of shipboard spares
 - Review of technical manuals and Crew Familiarization training
- Tests & Trials
 - Builder's Trials
 - Equipment Removal Demonstration
 - Dynamic Positioning Sea Trials
 - Acceptance Trials
 - Mission Trials/ Mission Demonstrations
 - Final Contract Trials
- Fitting Out Availability: immediate 30 days following delivery

- Operator Influence on the Design is critical
- Flexibility to influence design diminishes with time
 - Overall size, capacities, and capabilities determined when budget programmed ~ 2005
 - System Specification established level of requirements ~ 2009
 - Contractor Ship Specification, Noise/Vibration Treatments, General Arrangements, Hull Lines, and Major equipment (Critical Equipment List) to be established ~ 2010
 - One-line diagrams to be established ~ 2011
 - Distributed systems (outfitting) routing to be established ~ 2012
- Engineering Changes
 - Ship production process (e.g. build strategy) will be designed to proceed without interruptions
 - Actual cost (e.g. schedule disruption) exceeds actual negotiated costs (externalities)
 - Engineering changes will be limited out of necessity

- ✓ US oceanographic academic institution or consortium of same
- ✓ Experience in operating research vessels
- ✓ UNOLS Membership (or agreement to join)
- ✓ Supporting facilities for ship ops and maintenance
- ✓ Nominate for turn-in a Global or Intermediate Class UNOLS ship

- Proposals meeting minimum eligibility requirements to be evaluated under competitive, merit-based evaluation:
 - Factor 1: Ocean Science Research Programs
 - Factor 2: Vessel Operations
 - Factor 3: Pre-Delivery Support and Outfitting
 - Factor 4: Efficiencies
 - Factor 5: Past Performance
- Relative importance of factors:
 - Factors 1 and 2 are of equal importance
 - Factors 1 and 2 are more important than Factors 3 through 5
 - Factors 3 through 5 are of equal importance

Ocean Science Research Programs

- ✓ Extent and quality of ocean science research experience.
- ✓ Future research directions as coupled to ONR and other Federal Agency research interests
- ✓ Match of current and future research program requirements to the ship's expected capabilities.

Vessel Operations

- ✓ Degree of existing or planned capability to manage, operate and maintain the vessel efficiently and effectively as a unit of the national academic fleet.
 - Physical Facilities
 - Personnel
 - Initial Operating Plan
 - Cost Estimates

Pre-Delivery Support and Outfitting

- ✓ Pre-delivery Management, Support and Outfitting Approach.
 - Existing Infrastructure
 - Detailed Work Plan
 - Outfitting
 - Reporting
 - Cost Estimates
 - Participation in design/build reviews, etc
 - Full-time institution rep at the shipyard

Efficiencies

- ✓ Plan to meet Federal fleet needs and known operational budget constraints.
- ✓ Ability to stabilize or reduce federal operations costs.
- ✓ Institutional commitment to defray part of the annual cost of ship operations.

Past Performance

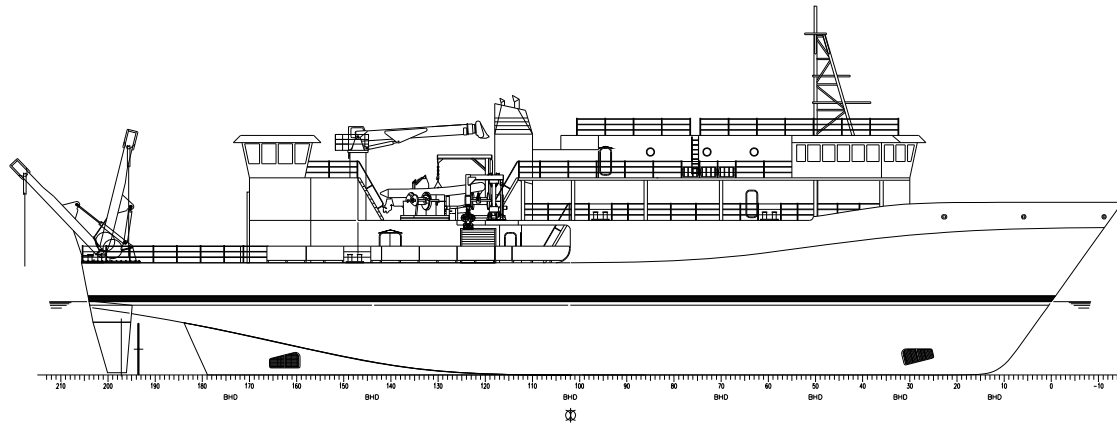
- ✓ Relevant past performance

Briefly describe:

- Navy INSURV, USCG, ABS or other government-equivalent material inspections
- Safety statistics
- Post-cruise Assessment Reports

- Ensure the proposal addresses the narrative under each factor
- Guidelines on the submission of proposals
 - Electronic submission
 - Submission Website
 - Proposal format
 - Timeliness of Submission
 - Verification of Submission
 - Problems
- Contact ONR early if you have technical problems or questions

QUESTIONS & DISCUSSION



BACKUP MATERIAL

ONR Operator Selection Process

(Title 10 USC Sec 2667 amended in P.L. 107 in 28 Dec 2001)

...**[re-competition] does not apply** to renewal or extension of a lease by the Secretary of the Navy with a selected institution **for operation of a ship within the UNOLS** if, under the lease, each of the following applies:

- (a) use of the ship is restricted to federally supported research programs and to non-Federal uses under specific conditions with approval by SECNAV.
- (b) because of the anticipated value to the Navy of the oceanographic research and training that will result from the ship's operation, no monetary lease payments are required from the lessee under the initial lease or under any renewal or extension.
- (c) the lessee is required to maintain the ship in a good state of repair, readiness, and efficient operating condition; conform to all applicable regulatory requirements; and assume full responsibility for the safety of the ship, its crew, and scientific personnel aboard.